

OKC-2861
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2 January 1962

MEMORANDUM FOR THE RECORD

SUBJECT : Change in Current Outstanding Major Technical Problems
since 13 December 1961 - J711D-20 Engine Development

REFERENCE: Memorandum for the Record from Development Branch, DPD,
dated 13 December 1961, Subject: Current Outstanding
Major Technical Problems - J711D-20 Engine Development
(OKC-2794)

1. The purpose of this report is to present changes in subject
problems since the release of referenced memorandum on 13 December
1961. Attachment 1 indicates these changes and should be read in
conjunction with referenced memorandum.

2. Some improvement with maximum effort exerted has been
realized in the areas of reliability, performance, and durability.
Little confirmed improvement in spite of maximum effort has been
realized in the area of controls due to lack of engine test verifica-
tion resulting in part from production component delivery slippage.

3. As of this date, the four most important outstanding problems
appear to be:

- (a) Turbine Profile/Burner Cans.
- (b) Hydraulic System Flow Dynamics.
- (c) Controls.
- (d) Hydraulic Pump.

4. The magnitude of these problems, particularly temperature
profile, which has delayed endurance testing, would appear to render
realization of the March flight worthiness target highly questionable.

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Development Branch
DPD-1D/P

Attachment 1

DS/DPD [] : Jba

Distribution:

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NO CHANGE IN CLASS
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ORIGINAL DOCUMENT MISSING PAGE(S):

Missing Attachment